

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	161	257/E51.04.CCLS.	US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 17:10
L24	7	257/68,301,71,96,298,300.CCLS. AND ((nanowire\$1 or nanorod\$1 or nanotube \$1 or nanoscale) WITH carbon) and ((trench or groove or recess) with substrate)	US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 17:44
L26	39	(257/E51.038,E51.039,E51.040,E23.074, E27.084,E27.092,E21.646,E23.039, E23.165).CCLS. AND ((nanowire\$1 or nanorod\$1 or nanotube\$1 or nanoscale) WITH carbon) and ((trench or groove or recess) with substrate)	US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 17:48
L28	12	(438/E775,776,777,243,386).CCLS. AND ((nanowire \$1 or nanorod\$1 or nanotube \$1 or nanoscale) WITH carbon) and ((trench or groove or recess) with substrate)	US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 17:51
L30	20	(977/943,948,936).CCLS. AND ((nanowire \$1 or nanorod\$1 or nanotube\$1 or nanoscale) WITH carbon) and ((trench or groove or recess) with substrate)	US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 17:53
L33	20	(977/943,948,936).CCLS. AND ((nanowire \$1 or nanorod\$1 or nanotube\$1 or nanoscale) SAME carbon) and ((trench or groove or recess) with substrate)	US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 17:54
L34	7	257/68,301,71,96,298,300.CCLS. AND ((nanowire\$1 or nanorod\$1 or nanotube \$1 or nanoscale) NEAR carbon) and ((trench or groove or recess) with substrate)	US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 17:55
L35	608	257/68,301,71,96,298,300.CCLS. AND ((nanowire\$1 or nanorod\$1 or nanotube \$1 or nanoscale) NEAR\$4 carbon) and ((trench or groove or recess) with substrate)	US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 17:55
L36	7	257/68,301,71,96,298,300.CCLS. AND ((nanowire\$1 or nanorod\$1 or nanotube \$1 or nanoscale) NEAR2 carbon) and ((trench or groove or recess) with substrate)	US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 17:55
S395	6259	(nanowire\$1 or nanorod\$1 or nanotube\$1 or (nanoscale near wire\$1)) and (Dram or capacitor) and carbon	US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:03

S396	165	(US-20070018260-\$ or US-20080137397-\$ or US-20080268605-\$ or US-20060194404-\$ or US-20080070390-\$ or US-20070178690-\$ or US-20090001421-\$ or US-20080164541-\$ or US-20080157257-\$ or US-20070025138-\$ or US-20050095780-\$ or US-20070232044-\$ or US-20060125033-\$ or US-20050065741-\$ or US-20050059210-\$ or US-20070081242-\$ or US-20040161929-\$ or US-20090002004-\$ or US-20080280038-\$ or US-20040085805-\$ or US-20030199172-\$ or US-20030059968-\$ or US-20030030356-\$ or US-20030021141-\$ or US-20020167375-\$ or US-200201601111-\$).did. or (US-2002003399-\$ or US-20030087130-\$ or US-20050036905-\$ or US-20040028875-\$ or US-20030119034-\$ or US-20020179434-\$ or US-20030100189-\$ or US-20020125805-\$ or US-20030165418-\$ or US-20030179559-\$ or US-20020163079-\$ or US-20030132461-\$ or US-20050276093-\$ or US-20090014767-\$ or US-20040095837-\$ or US-20050037547-\$ or US-20040175856-\$ or US-20020074582-\$ or US-20060092542-\$ or US-20060011972-\$ or US-20050070096-\$ or US-20030205457-\$ or US-20040108473-\$ or US-20030006383-\$ or US-20040159833-\$ or US-20040149979-\$ or US-20030168683-\$).did. or (US-7352607-\$ or US-7135773-\$ or US-7449391-\$ or US-7008853-\$ or US-7078308-\$ or US-6995046-\$ or US-7271051-\$ or US-7335395-\$ or US-7466523-\$ or US-6828039-\$ or US-7294248-\$ or US-6930343-\$ or US-6830981-\$ or US-6448701-\$ or US-6294450-\$ or US-6361861-\$ or US-6333598-\$ or US-6595820-\$ or US-6590322-\$ or US-6440763-\$ or US-6599808-\$ or US-6340822-\$ or US-6286226-\$ or US-6566704-\$ or US-6548313-\$ or US-6863942-\$).did. or (US-7585718-\$ or US-6784069-\$ or US-6625047-\$ or US-6515325-\$ or US-5990509-\$ or US-5963469-\$).did.	US-PGPUB; USPAT; USOCH; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:03
S419	2003	(nanowire\$1 or nanorod\$1 or nanotube\$1 or (nanoscale near wire\$1)) and (((@idc = "20031218") or (@rladc = "20031218")) and carbon and capacitor	US-PGPUB; USPAT; USOCH; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:03
S420	844	(nanowire\$1 or nanorod\$1 or nanotube\$1 or (nanoscale near wire\$1)) and (((@idc = "20031218") or (@rladc = "20031218")) and carbon and capacitor	USPAT	OR	ON	2010/12/02 12:03
S443	269	capacitor and ( "nano" with "conductor")	US-PGPUB; USPAT; USOCH; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:03

S455	920	("carbon" and "nanotube" and "capacitor") and (@ad<="20031218")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:03
S523	304	(977/948,936).CCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S524	161	(977/948,936).CCLS AND ("STORAGE" OR "CAPACITOR")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S525	31	(438/775,776,777,243,386).CCLS AND ("STORAGE" OR "CAPACITOR") AND ("NANOWIRE" OR "NANOTUBE" OR "NANOROD")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S526	9	(257/301,74,68,296,298,300,e51.038, e51.039,e51.040,e23.074,e27.084, e27.092,e21.646,e23.039,e23.165).ccls" and ("capacitor" or "storage") and ("nanowire" or "nanorod" or "nano tube" or "nano-wire" or "nano-rod" or "nano-tube")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S527	1108	257/213.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S529	5692	("single" or "multiple") with "nano"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S531	689	("single" or "multiple") with "nano tube"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S532	441	((TOSHIHARU) near2 (FURUKAWA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 12:04
S534	359	((MARK) near2 (HAKEY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 12:04
S535	441	((TOSHIHARU) near2 (FURUKAWA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 12:04
S536	359	((MARK) near2 (HAKEY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 12:04
S563	54397	(nanowire\$1 or nanorod\$1 or nanotube\$1 or (nanoscale near wire\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S564	6422	(nanowire\$1 or nanorod\$1 or nanotube\$1 or (nanoscale near wire\$1)) AND (CAPACITOR)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S567	2178	(nanowire\$1 or nanorod\$1 or nanotube\$1 or (nanoscale near wire\$1)) AND (CAPACITOR) AND (@AD<="20031218") OR (@RLAD<="20031218")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04

S571	276	capacitor and "trench liner"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S592	253	(CARBON NEAR\$1 NANOTUBE) AND (CAPACITOR WITH LINER)	USPAT	OR	ON	2010/12/02 12:04
S601	158	(CARBON NEAR\$1 NANOTUBE) AND (CAPACITOR WITH LINER)	US-PGPUB	OR	ON	2010/12/02 12:04
S640	583	(nanotube) same (capacitor near5 (plate or electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S706	540	438/775.OLCS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S710	84	"257"/\$.cls. and ((capacitor) same trench) and (nanowire\$1 or nanorod\$1 or nanotube\$1 or (nanoscale near wire\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S731	372628	(international business).as. or (IBM).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S732	1162	S730 and S731 and (nanowire\$1 or nanorod\$1 or nanotube\$1 or (nanoscale near wire\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:04
S741	9	(257/301,74,68,296,298,300,e51.038, e51.039,e51.040,e23.074,e27.084, e27.092,e21.646,e23.039,e23.165)".cls" and ("capacitor" or "storage") and ("nanowire" or "nanorod" or "nano tube" or "nano-wire" or "nano-rod" or "nano- tube")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:05
S742	19	(257/301,74,68,296,298,300,e51.038, e51.039,e51.040,e23.074,e27.084, e27.092,e21.646,e23.039,e23.165)".cls" and ("nanowire" or "nanorod" or "nano tube" or "nano-wire" or "nano-rod" or "nano-tube")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:05
S743	3463	"257"/.OLCS. and ("nanowire" or "nanorod" or "nano tube" or "nano-wire" or "nano-rod" or "nano-tube")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:05
S744	2245	S743 AND ((@AD<="20060525") OR (@RLAD<="20060525"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:05
S766	1196	257/303.OLCS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:05
S767	16	257/303.OLCS. AND NANO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:05

S768	80	257/303.OCLS. AND LINER	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:05
S770	55	((nanowire\$1 or nanorod\$1 or nanotube\$1 or (nanoscale near wire\$1)) WITH (LINER))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:05
S778	1704	(capacitor) and (liner with metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:05
S780	107	((nanowire\$1 or nanorod\$1 or nanotube\$1 or (nanoscale near wire\$1)) SAME (LINER))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 12:05
S789	441	((TOSHIHARU) near2 (FURUKAWA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 12:28
S796	359	((MARK) near2 (HAKEY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 12:41
S799	455	((STEVEN) near2 (HOLMES)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 12:50
S802	454	((DAVID) near2 (HORAK)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 12:57
S804	273	((CHARLES) near2 (KOBURGER)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 12:59
S806	85	((LARRY) near2 (NESBIT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 13:01
S810	40	((IBM, AS, OR ((INTERNATIONAL ADJ BUSINESS ADJ MACHINE), AS, ) AND (NANO\$ WITH CONDUCTIVE) AND ((TRENCH OR GROOVE OR RECESS) WITH SUBSTRATE))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 13:04
S811	441	((TOSHIHARU) near2 (FURUKAWA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 13:08
S812	441	((TOSHIHARU) near2 (FURUKAWA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 13:09
S816	1653	((nanowire\$1 or nanorod\$1 or nanotube\$1 or nanoscale) WITH carbon) and ((trench or groove or recess) with substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 13:50

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	125	257/E51.04.OCLS.	USPAT; UPAD	OR	ON	2010/12/02 17:27
L25	2	257/68,301,71,96,298,300.OCLS. AND ((nanowire\$1 or nanorod\$1 or nanotube\$1 or nanoscale) WITH carbon) and ((trench or groove or recess) with substrate)	USPAT; UPAD	OR	ON	2010/12/02 17:44

L27	14	((257/E51.038,E51.039,E51.040,E23.074, E27.084,E27.092,E21.646,E23.039,E23.165).OCLS. AND ((nanowire\$1 or nanorod\$1 or nanotube\$1 or nanoscale) WITH carbon) and ((trench or groove or recess) with substrate))	USPAT; UPAD	OR	ON	2010/12/02 17:49
L29	8	((438/E75.776,777.243,386).OCLS. AND ((nanowire\$1 or nanorod\$1 or nanotube\$1 or nanoscale) WITH carbon) and ((trench or groove or recess) with substrate))	USPAT; UPAD	OR	ON	2010/12/02 17:52
L31	15	((977/943,948,936).OCLS. AND ((nanowire\$1 or nanorod\$1 or nanotube\$1 or nanoscale) WITH carbon) and ((trench or groove or recess) with substrate))	USPAT; UPAD	OR	ON	2010/12/02 17:53
L32	15	((977/943,948,936).OCLS. AND ((nanowire\$1 or nanorod\$1 or nanotube\$1 or nanoscale) SAME carbon) and ((trench or groove or recess) with substrate))	USPAT; UPAD	OR	ON	2010/12/02 17:54
S817	16	((IBM,AS, OR ((INTERNATIONAL ADJ BUSINESS ADJ MACHINE),AS,) AND (NANO \$5 WITH CONDUCTIVE) AND ((TRENCH OR GROOVE OR RECESS) WITH SUBSTRATE))	USPAT; UPAD	OR	ON	2010/12/02 13:06
S818	240	((TOSHI HARU) near2 (FURUKAWA)).INV.	USPAT; UPAD	OR	ON	2010/12/02 13:09
S820	201	((MARK) near2 (HAKKEY)).INV.	USPAT; UPAD	OR	ON	2010/12/02 13:21
S822	258	((STEVEN) near2 (HOLMES)).INV.	USPAT; UPAD	OR	ON	2010/12/02 13:23
S824	244	((DAVID) near2 (HORAK)).INV.	USPAT; UPAD	OR	ON	2010/12/02 13:24
S826	128	((CHARLES) near2 (KOBURGER)).INV.	USPAT; UPAD	OR	ON	2010/12/02 13:26
S827	32	S826 AND (NANO\$4)	USPAT; UPAD	OR	ON	2010/12/02 13:26
S828	47	((LARRY) near2 (NESBIT)).INV.	USPAT; UPAD	OR	ON	2010/12/02 13:28
S829	485	((nanowire\$1 or nanorod\$1 or nanotube\$1 or nanoscale) WITH carbon) and ((trench or groove or recess) with substrate))	USPAT; UPAD	OR	ON	2010/12/02 13:32

12/2/2010 6:37:56 PM

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